

In the Claims:

Please cancel claim 2, without prejudice, amend claims 1, and 3-8, 10, and 15-19 as follows:

Ad
CMT

1. (Currently amended) A liquid crystal display device, comprising:
two substrates confronting each other;
a liquid crystal material having spontaneous polarization sealed between said substrates;
pixel electrodes corresponding to liquid crystal cells, provided on an inner face of one of said substrates;
switching elements respectively connected to each of said pixel electrodes; and
storage capacitors for storing electric charge, respectively connected to each of said pixel electrodes;
wherein a ratio of capacity of said storage capacitor against that of said liquid crystal cell is not less than 0.2 or more than 5.

2. (Cancelled)

3. (Currently amended) The liquid crystal display device as set forth in Claim 1, wherein a data writing time on said liquid crystal cell and said storage capacitor

through said switching element is set so that amount of transmitted light due to the switching of said liquid crystal material determined by image data during an off state of said switching element does not substantially change.

4. (Currently amended) The liquid crystal display device as set forth in Claim 21, wherein a data writing time on said liquid crystal cell and said storage capacitor through said switching element is set so that amount of transmitted light due to the switching of said liquid crystal material determined by image data during an off state of said switching element does not substantially change.

5. (Currently amended) The liquid crystal display device as set forth in Claim 3, wherein the data writing time on said liquid crystal cell through said switching element is not more than 10 μ s.

6. (Currently amended) The liquid crystal display device as set forth in Claim 4, wherein the data writing time on said liquid crystal cell through said switching element is not more than 10 μ s.

7. (Currently amended) The liquid crystal display device as set forth in Claim 5, wherein the data writing time on said liquid crystal cell through said switching element is not more than 5 μ s.

8. (Currently amended) The liquid crystal display device as set forth in Claim 6, wherein the data writing time on said liquid crystal cell through said switching element is not more than 5 μ s.

ad
vmt
9. (Original) The liquid crystal display device as set forth in Claim 1, wherein said liquid crystal material is either a ferroelectric liquid crystal or an antiferroelectric liquid crystal.

10. (Currently amended) The liquid crystal display device as set forth in Claim 21, wherein said liquid crystal material is either a ferroelectric liquid crystal or an antiferroelectric liquid crystal.

11. (Original) The liquid crystal display device as set forth in Claim 3, wherein said liquid crystal material is either a ferroelectric liquid crystal or an antiferroelectric liquid crystal.

12. (Original) The liquid crystal display device as set forth in Claim 5, wherein said liquid crystal material is either a ferroelectric liquid crystal or an antiferroelectric liquid crystal.

13. (Original) The liquid crystal display device as set forth in Claim 7, wherein said liquid crystal material is either a ferroelectric liquid crystal or an antiferroelectric liquid crystal.

Ad
Cmt
14. (Original) The liquid crystal display device as set forth in Claim 1, further comprising a back-light having at least one light source that emits light of a plurality of colors; and

a switching unit for switching colors of emitted light of said light source in a time-divided manner in synchronism with the switching of said liquid crystal material of said liquid crystal cell.

15. (Currently amended) The liquid crystal display device as set forth in Claim 21, further comprising:

a back-light having at least one light source that emits light of a plurality of colors; and

a switching unit for switching colors of emitted light of said light source in a

time-divided manner in synchronism with the switching of said liquid crystal material of said liquid crystal cell.

16. (Currently amended) The liquid crystal display device as set forth in Claim 3, further comprising:

a back-light having at least one light source that emits light of a plurality of colors; and

a switching unit for switching colors of emitted light of said light source in a time-divided manner in synchronism with the switching of said liquid crystal material of said liquid crystal cell.

ag
cmt

17. (Currently amended) The liquid crystal display device as set forth in Claim 5, further comprising:

a back-light having at least one light source that emits light of a plurality of colors; and

a switching unit for switching colors of emitted light of said light source in a time-divided manner in synchronism with the switching of said liquid crystal material of said liquid crystal cell.

18. (Currently amended) The liquid crystal display device as set forth in Claim 7, further comprising:

a back-light having at least one light source that emits light of a plurality of colors; and

a switching unit for switching colors of emitted light of said light source in a time-divided manner in synchronism with the switching of said liquid crystal material of said liquid crystal cell.

af
mtel
19. (Currently amended) The liquid crystal display device as set forth in Claim 9, further comprising:

a back-light having at least one light source that emits light of a plurality of colors; and

a switching unit for switching colors of emitted light of said light source in a time-divided manner in synchronism with the switching of said liquid crystal material of said liquid crystal cell.

20. (Original) The liquid crystal display device as set forth in Claim 1, further comprising color filters for displaying colors.
